Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of claims in

the application:

Listing of Claims:

1. **(Currently Amended)** An apparatus for processing electronic tag

information, the apparatus receiving product identification codes read from electronic tags, each

product identification code having a product class identifying code, the apparatus comprising:

a processor; and

a storage device, coupled to the processor, having a computer program stored

therein;

wherein product information is provided, or stored in the storage device, and

wherein the product information comprises first and second information, the first information of

each product class having a product class identifying code, a flag indicating whether the product

class is a set product class or not, a product name, and a price, the second information of each set

product class having a product class identifying code of the set product class, a product class

identifying code of individual product class contained in the set product class, ; for a set of

individual product, a product name identification code, a product name, and a price; for the

individual products contained in the set product; a product name identification code, a product

name, and a unit price; and a number of the individual products contained in the set product,

wherein both of the product class identifying codes of the set product class and the individual

product class are included in the first information, and

the computer program causes the processor to perform the steps of:

(a) for each product identification code read from an electronic tag and provided, incrementing a corresponding product cumulative count for a corresponding product ~~name~~ <u>class</u> identification code;

(b) determining whether the product identification code <u>read from the electronic tag and provided</u> is for a set product or not ~~identifies the set of individual products or the individual products themselves~~ by referring to ~~the product~~ <u>a corresponding flag of the second information,</u>

(c) if it is determined that the product identification code <u>is for a set product</u> ~~identifies the set of individual products,~~ subtracting the number of the individual products in the set <u>product by referring to the second information</u> from a <u>corresponding</u> product cumulative count ~~for~~ ~~of the~~ <u>a corresponding</u> individual ~~products~~ <u>class identification code;</u>

(d) calculating the mathematical product of a product price <u>in the first information</u> and a product cumulative count for each product class ~~name~~ identification code; and

(e) outputting a receipt to a printer based on the product cumulative count and the calculated mathematical product.

2. **(Currently Amended)** The apparatus for processing electronic tag information according to claim 1, further comprising the step of:

(f) in response to the end of information-reading from electronic tags, outputting information associated with a product <u>class</u> ~~name~~ identification code whose product cumulative count is negative, and associated with <u>a</u> ~~the~~ product cumulative count <u>thereof.</u>

3. **(Currently Amended)** The apparatus for processing electronic tag information according to claim 1,

wherein, in step (e), the receipt includes outputting the product name, the

calculated mathematical product, and the cumulative sum of the product class ~~name~~

identification code.

4. **(Currently Amended)** The apparatus for processing electronic tag

information according to claim 1,

wherein a mode signal is further provided,

wherein the computer program causes the processor to, in step (d) when the mode

signal indicating a sale-statement mode, output deficiency information, as the associated

information, of the individual products contained in the set product when the cumulative count of

the individual ~~products~~ class is a negative value.

5. **(Currently Amended)** The apparatus for processing electronic tag

information according to claim 4,

wherein the ~~product~~ second information ~~further includes~~ is composed of a table

having a field of the product ~~name~~ class identification code and a field of the flag ~~indicating~~

~~whether or not a set product~~,

wherein the computer program causes the processor to, in step (b), judge whether

or not the product ~~name~~ class identification code ~~identifies~~ is for a set product of individual

products based on the table.

6. **(Previously presented)** A POS terminal comprising an apparatus for

processing electronic tag information, the apparatus receiving product identification codes read

from electronic tags, each product identification code having a product class identifying code,

the apparatus comprising:

a processor; and

a storage device, coupled to the processor, having a computer program stored therein;

wherein product information is provided, or stored in the storage device, and wherein the product information comprises first and second information, the first information of each product class having a product class identifying code, a flag indicating whether the product class is a set product class or not, a product name, and a price, the second information of each set product class having a product class identifying code of the set product class, a product class identifying code of individual product class contained in the set product class, and a number of the individual products contained in the set product, wherein both of the product class identifying codes of the set product class and the individual product class are included in the first information, and

the computer program causes the processor to perform the steps of:

(a) for each product identification code read from an electronic tag and provided, incrementing a corresponding product cumulative count for a corresponding product class identification code;

(b) determining whether the product identification code read from the electronic tag and provided is for a set product or not by referring to a corresponding flag of the second information,

(c) if it is determined that the product identification code is for a set product, subtracting the number of the individual products in the set product by referring to the second

information from a corresponding product cumulative count for ~~of the~~ a corresponding individual product~~s~~ class identification code;

      (d) calculating the mathematical product of a product price in the first information and a product cumulative count for each product class identification code; and

      (e) outputting a receipt to a printer based on the product cumulative count and the calculated mathematical product,

      wherein the product information is provided from other information processing apparatus which manages the product information in a unified way.

      7. **(Currently Amended)** A computer program product, comprising: a computer readable storage medium having a computer program stored thereon for processing electronic tag information, wherein the computer program causes a processor coupled to a storage device to perform the steps of, under the condition that product information is provided, or stored in the storage device, wherein the product information includes: first and second information, the first information of each product class having a product class identifying code, a flag indicating whether the product class is a set product class or not, a product name, and a price, the second information of each set product class having a product class identifying code of the set product class, a product class identifying code of individual product class contained in the set product class, ~~: for a set of individual product, a product name identification code, a product name, and a price; for individual products contained in the set product; a product name identification code, a product name, and a unit price;~~ and a number of the individual products contained in the set product, wherein both of the product class identifying codes of the set product class and the individual product class are included in the first information, and

(a) for each product identification code read from an electronic tag and provided, incrementing a corresponding product cumulative count for a corresponding product ~~name~~ class identification code;

(b) referring to ~~the product~~ a corresponding flag of the second information for judging whether the product identification code read from the electronic tag and provided is ~~the~~ for a set product or not, subtracting the number of the individual products of the set product ~~of~~ gotten from the ~~product~~ second information from a corresponding product cumulative count for ~~of the~~ a corresponding individual ~~products~~ class identification code when the judgment is positive;

(c) calculating the mathematical product of a product price in the first information and a product cumulative count for each product class ~~name~~ identification code; and

(d) outputting a receipt to a printer based on the product cumulative count and the calculated mathematical product.

8. **(Currently Amended)** The computer program product according to claim 7, wherein the computer program further causes the processor to perform the steps of:

(e) in response to the end of information-reading from electronic tags, outputting information associated with a product class ~~name~~ identification code whose product cumulative count is negative, and associated with a ~~the~~ product cumulative count thereof.